

REMARKS

I. Status of Claims

Claims 1-126 are pending in the application. Claims 1, 4, 16, 17, 23, 26-34 and 37-43 are allowed, claims 3, 24 and 25 are objected to, and claims 2 5-15, 18-22, 35 36 and 81 are rejected. Claims 44-80 and 82-126 are subject to restriction and are canceled herein.

Claims 2, 18-22, 35, 40, 42 and 81 stand rejected under 35 U.S.C. §112, second paragraph. Claims 5-15 and 18-22 stand rejected under 35 U.S.C. §102(b) or (e) over various references. The specific grounds for rejection, and applicants' response thereto, are set out in detail below.

II. Rejections Under 35 U.S.C. §112, Second Paragraph

Claims 2, 18-22, 35, 40, 42 and 81 stand rejected under the second paragraph of §112. Applicants have amended claims 2, 35 and 81 to address the errors therein. No ground of rejection was provided for either claim 40 or 42. Applicants traverse the rejection of claims 18-22 as duplicative. The consecutive residue recitation of those claims addresses how many residues from the given sequence must be present, whereas claims 7-11 merely specify the overall length of the segment. Therefore, the claims are not duplicative of each other. Reconsideration and withdrawal of the rejections are respectfully requested.

III. Rejections Under 35 U.S.C. §102 and/or §103

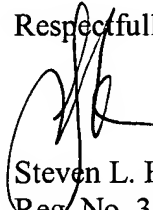
Claims 5-15 and 18-22 are rejected for alleged anticipation and/or obviousness over several different references. Applicants have canceled or amended the claims to address the

rejection. Reconsideration and withdrawal of the rejection, as to the remaining claim (claim 5) is therefore requested.

IV. Conclusion

The Examiner is invited to contact the undersigned attorney at (512) 536-3184 with any questions, comments or suggestions relating to the referenced patent application.

Respectfully submitted,



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